

# MEDICAL OFFICER'S ANNUAL REPORT

— ON THE —

## *Health and Sanitary Condition*

— OF THE —

URBAN SANITARY DISTRICT OF HYDE,

DURING THE YEAR 1909.



*To the Chairman and Members of the Sanitary Committee.*

GENTLEMEN,

I beg to submit for your consideration my Tenth Annual Report on the health and sanitary condition of the Borough. In regard to the prevalence of disease both of infectious and non-infectious character the report is of a fairly satisfactory nature. Scarlet fever, although endemic in this district, has been less prevalent than in any year since 1904, and there has been no outbreak of any of the other infectious diseases. The general and infantile death-rates are the lowest on record in the Borough, and the measures adopted to improve the sanitary condition of the Borough have been maintained.

## POPULATION.

By the addition of the excess of births over deaths for the twelve months ending June 30th, 1909, to the estimated population on 30th June, 1908, the population of the Borough may be estimated as 34,669 on the former date. All the statistics in this report are based on this estimate of the population.

The area of the Borough is 3,072 acres, and the density of the population is 11·2 persons per acre.

## BIRTHS.

The District Registrars report 721 births during the year, of which 356 were males and 365 females, equal to a birth-rate of 20·79 per 1000. This is 3·20 per 1000 lower than last year, and 3·85 lower than the average for the past ten years.

## ILLEGITIMATE BIRTHS.

Twenty-three illegitimate births have been registered, 15 of which occurred in Hyde, five in Newton, and three in Godley.

The following table gives the birth-rate for the year in the different districts of the Borough, compared with the average of the previous ten years.

	HYDE.	NEWTON.	GODLEY.
Birth-rate, 1909 .....	19·6	23·2	26·7
Average birth-rate for the previous ten years .....	24·3	25·7	23·5

Table showing the birth-rate in the Borough for the ten years 1900—1009 :—

Year	Birth-rate	Year	Birth-rate	Year	Birth-rate	Year	Birth-rate	Year	Birth-rate
1900	28·21	1902	25·96	1904	24·10	1906	22·93	1908	23·99
1901	24·82	1903	25·61	1905	22·35	1907	21·89	1909	20·79

#### DEATHS.

During the year 490 deaths have been registered in the Borough. Thirty-five persons belonging to Hyde died in hospitals outside the district, whilst 18 persons belonging to other districts died in Hyde, so that the net deaths belonging to this district were 507, which is equivalent to a death-rate of 14·62 per 1000. This is the lowest death-rate recorded, being ·28 lower than last year, and 2·49 lower than the average for the previous ten years.

The greatest number of deaths was caused by heart diseases, bronchitis, wasting diseases, pneumonia, phthisis, and cancer, in the order named,

Table showing the district death-rate compared with the average of the previous ten years :—

	HYDE.	NEWTON.	GODLEY.
Death-rate, 1909.....	14·9	15·1	7
Average Death-rate for the previous ten years .....	17·4	17·1	14·2

# INFANT MORTALITY.

The number of deaths of children under one year of age was 106, giving an infant mortality rate of 147·02 per 1000 births. Compared with 1908 the number of deaths is less by 34, and with the average of the previous ten years it is 50 less. The average rate of infant mortality for the ten years 1899-1908 is 188·6.

Table showing the infant mortality rate since 1892 :—

Year	Death-rate	Year	Death-rate	Year	Death-rate
1892	175·1	1898	232·7	1904	198·2
1893	235·5	1899	256·2	1905	191·1
1894	155·1	1900	190·0	1906	153·6
1895	239·7	1901	198·7	1907	169·7
1896	195·8	1902	186·4	1908	169·3
1897	219·4	1903	173·1	1909	147·02

Table showing the infant death-rate in the different districts of the Borough compared with the average of the previous ten years :—

	HYDE.	NEWTON.	GODLEY.
Infant Death-rate, 1909 ..	161·2	118·9	108·6
Average rate for the previous ten years .....	193·8	190·9	105·2

Table showing the cause of death in infants under one year compared with 1904-5-6-7-8 :—

Cause of Death.	1909		1908		1907		1906		1905		1904	
Measles .....	6	..	2	..	4	..	0	..	6	..	1	
Diarrhœa .....	4	..	11	..	3	..	19	..	8	..	20	
Whooping Cough .....	0	..	1	..	5	..	4	..	5	..	3	
Pneumonia .....	15	..	10	..	13	..	13	..	9	..	5	
Bronchitis.....	7	..	8	..	11	..	8	..	9	..	8	
Tuberculous Diseases....	3	..	1	..	6	..	3	..	2	..	11	
Marasmus.....	40	..	44	..	22	..	25	..	53	..	43	
Convulsions .....	8	..	21	..	27	..	16	..	17	..	22	
Enteritis .....	5	..	9	..	1	..	0	..	1	..	4	
Premature Birth.....	12	..	17	..	16	..	14	..	13	..	18	
Diphtheria .....	0	..	0	..	0	..	1	..	2	..	1	
Venereal Diseases .....	0	..	0	..	0	..	1	..	2	..	2	
Other Causes .....	6	..	16	..	19	..	16	..	18	..	23	

The Ladies' Health Society has been at work during the year. Each lady has a district assigned to her, in which she visits every house where a baby is known to be born, and gives friendly advice on the care, feeding, and management of infants.

#### ZYMOTIC DISEASES.

The seven principal Zymotic Diseases caused 29 deaths during the year, viz.:—Measles, 12; Diarrhœa, 7; Enteric Fever, 5; Scarlet Fever, 2; Diphtheria, 2; and Whooping Cough, 1. This is equal to a death-rate of ·83 per 1000 of the population compared with 1·13 in 1908 and 1·49 in 1907.

Table showing the number of deaths and death-rate from each of the seven principal Zymotic Diseases compared with the five previous years :—



Diseases.	Deaths 1909	Death- rate 1909	Deaths 1908	Death- rate 1908	Deaths 1907	Death- rate 1907	Deaths 1906	Death- rate 1906	Deaths 1905	Death- rate 1905	Deaths 1904	Death- rate 1904
Measles .....	12	.34	5	.14	17	.49	..	..	22	.65	15	.44
Enteric Fever....	5	.14	3	.08	3	.08	4	.12	12	.35	14	.14
Diarrhoea.....	7	.20	14	.40	6	.17	27	.79	12	.35	28	.82
Diphtheria .....	2	.06	6	.17	5	.14	7	.20	11	.32	13	.38
Scarlet Fever ....	2	.06	8	.23	9	.26	10	.29	10	.29	..	..
Whooping Cough	1	.03	3	.08	11	.32	9	.26	6	.17	10	.92

Table showing the Zymotic death-rate with the number of deaths each year since 1890 :—

Year		Deaths		Zymotic Death-rate
1890	....	81	....	2·52
1891	....	49	....	1·51
1892	....	36	....	1·17
1893	....	145	....	4·66
1894	....	34	....	1·08
1895	....	84	....	2·65
1896	....	40	....	1·28
1897	....	107	....	3·32
1898	....	91	....	2·78
1899	....	159	....	4·83
1900	....	79	....	2·39
1901	....	53	....	1·61
1902	....	77	....	2·33
1903	....	30	....	·89
1904	....	82	....	2·43
1905	....	73	....	2·15
1906	....	57	....	1·67
1907	....	51	....	1·49
1908	....	39	....	1·13
1909	....	29	....	·83

#### SMALLPOX.

No case of Smallpox occurred during the year.

#### DIARRHŒA.

The number of deaths from Diarrhœa was seven, giving a death-rate of ·20 per 1000 of the population. Seven of these deaths occurred in children under one year old. Compared with 1908 there is a decrease of 7 in the number of deaths from this cause.

#### MEASLES.

Twelve deaths were registered from Measles, giving a death-rate from this cause of ·34 per 1000, compared with a death rate of ·14 per 1000 in 1908. Ten deaths occurred in Hyde and two in Newton.

## WHOOPING COUGH.

One death was registered from this disease equal to a death-rate of  $\cdot 03$  per 1000, compared with three deaths in 1908 and eleven in 1907.

## INFECTIOUS DISEASES (NOTIFICATION) ACT.

This Act came into force in the Borough on 1st March, 1890. The following table shows the number of notifications of each disease received during each month of the year under the provisions of the above Act :—



Disease . . . .	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total 1909	Total 1908	Total 1907	Total 1906	Total 1905
Scarlet Fever	5	9	11	6	4	8	9	21	23	12	20	13	141	168	275	344	189
Enteric Fever	1	1	..	..	1	1	..	..	2	5	..	..	11	19	24	18	54
Diphtheria & Membranous Croup . . . . .	..	1	2	2	..	1	..	2	1	3	..	..	12	14	13	24	24
Erysipelas ..	..	6	5	6	5	4	2	1	3	4	3	2	41	32	41	57	53
Puerperal Fever . . . . .	1	..	1	..	..	..	..	..	..	..	..	..	2	2	2	1	8
Smallpox ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total . . . . .	7	17	19	14	10	14	11	24	29	24	23	15	207	235	355	444	328

When compared with 1908, the above table shows a decrease of 21 cases of Scarlet Fever, seven cases of Enteric Fever, two of Diphtheria, whilst there is an increase of nine cases of Erysipelas.

Table showing the number of cases of each disease reported from each district.

Disease.	Hyde.		Newton.		Godley.
Scarlet Fever .....	115	....	25	....	1
Enteric Fever .....	9	....	2	....	0
Diphtheria and Mem- branous Croup }	8	....	4	....	0
Puerperal Fever .....	1	....	1	....	0
Erysipelas.....	29	....	9	....	3

#### METHOD OF DEALING WITH INFECTIOUS CASES.

On receipt of a notification the house is immediately visited by the Sanitary Inspector. Inquiries are made as to the origin of infection, the sanitary condition of the premises, and the means available for isolation at home. When isolation at home is impossible or undesirable, the case is removed to Hospital, and the house and contents are immediately disinfected. When isolation is carried out at home, the house is disinfected as soon as the medical attendant certifies that the patient is free from infection. School children from infected houses are not allowed to attend school until after the lapse of the incubation period, when removal to Hospital has taken place, or until after the recovery of the patient when isolation has been carried out at home.

The Librarian of the Free Library is notified daily of all infected houses.

The following form is used for inquiry into all cases of infectious diseases notified:—

— BOROUGH OF HYDE. —

SANITARY DEPARTMENT.

(Form of Inquiry relating to Infectious Diseases.)

Disease.....	Date .....	191
Occupier's Name .....		
Occupier's Address .....		
Owner's Name .....		
Owner's Address .....		
Patient's Name .....	Age.....	
Patient's School.....	Last there.....	
Patient's Workplace.....	Last there.....	
Date of outset of Symptoms.....		
Other	} Ages .....	
Members		Schools .....
of Family		Workplaces .....
Removed to Hospital .....		
House Disinfected .....		
Doctor's Name.....		
Date of Doctor's first visit.....		
Any Inmates of House gone away .....	Where.....	
Business carried on, or work done at home .....		
Nursed by.....	Other duties of Nurse .....	
Milkman's Name .....	Address .....	
Rooms occupied by Patient.....	Condition of.....	
No. of rooms in house. Upstairs.....	Downstairs.....	
Other sources of infection, <i>i.e.</i> , visitors, shellfish, visiting, ice cream, etc., .....		
DRAINAGE.	Cellar .....	Sink .....
	Bath, etc.,.....	W.C.....
	Yard Drains.....	Rain water.....
	Ventilation of House Drains.....	
	Main Sewer. Situation.....	Ventilation.....
PRIVY.	Kind.....	Distance from House.....
	Last emptied.....	Condition .....
	Ashpit .....	
NUISANCES.	State of Back Yard.....	
	State of Passages.....	
	Accumulations .....	
	Animals kept .....	
Books from Library.....		
Remarks .....		

## CASE MORTALITY OF NOTIFIABLE DISEASES.

Disease	No. Notified	Deaths	Mortality per cent.		Mortality per cent.		Mortality per cent.		Mortality per cent.		Mortality per cent.		Mortality per cent.	
			1909	1908	1907	1906	1905	1904						
Smallpox .....	0	0	0	0	0	0	0	4.3						
Scarlet Fever ..	141	2	1.4	4.7	3.2	2.9	5.3	0						
Enteric Fever ..	11	5	45.4	15.7	12.4	22.2	22.2	21.5						
Erysipelas.....	41	1	2.2	0	2.4	1.7	1.9	2.2						
Diphtheria ....	12	2	16.6	42.8	38.4	29.1	45.8	38.2						
PuerperalFever..	2	0	0	50.0	100	0	75	66.6						

## SCARLET FEVER.

Two deaths of persons belonging to the Borough were registered from this cause. The disease was most prevalent during the months of August, September and November, nearly half the total cases being notified during these months. Of the 141 cases reported 113 or 80.1 per cent. were removed to Hospital. The death-rate from this cause was .06 per 1000.

## ENTERIC FEVER.

Five deaths resulted from Enteric Fever during the year, giving a death-rate from this cause of .14 per 1000. No cases were traced to contaminated water or milk supply. Of the eleven cases reported, four were removed to Hospital. Pails with air-tight covers for the reception and removal of typhoid are supplied to houses which are not on the water carriage system. Disinfectants are supplied to every case free of charge.

## DIPHTHERIA AND MEMBRANOUS CROUP.

Two deaths were recorded from this cause during the year, giving a death-rate of .06 per 1000 of the population. Of the twelve cases reported seven were removed to Hospital. Antitoxin is supplied free of cost by the Corporation for use in the Borough.



## PHTHISIS AND OTHER TUBERCULOUS DISEASES.

During the year there were forty-one deaths from Phthisis, and fourteen from other kinds of tuberculous diseases. The Phthisis death-rate is equal to 1·18, and that from other forms of tuberculous diseases is ·40 per 1000. Only eight cases of Phthisis have been voluntarily notified. In each case the house has been visited, and a copy of the leaflet printed below given to the occupier.

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## INSTRUCTIONS TO PERSONS SUFFERING FROM CONSUMPTION.

Consumption is an Infectious Disease which is communicated in the following way:—

The infection is contained in the spit, or expectoration, of a patient suffering from the disease. The expectoration is deposited on floors, walls, clothes, handkerchiefs, etc., where it dries and gets mixed with dust, and is blown about in the air. This infected dust is inhaled by healthy persons, and produces Consumption in their Lungs.

The following precautions should therefore be taken by Persons suffering from Consumption, to prevent the infection of others.

They should not spit on the floor or walls of any living-room, workshop, railway carriage, or in any place where people assemble. At home they should spit in a piece of paper or rag, and immediately throw this into the fire. A cup containing water may be used, which should be frequently emptied into the drains outside the house, and before being used again the cup should be thoroughly cleansed with boiling water.

When away from home a pocket spittoon, with a tight fitting cover, should be used, or the expectoration deposited in pieces of tissue paper, rolled up and burned before the spit becomes dry.

All eating utensils should be thoroughly washed in boiling water before being used by another person.

Persons suffering from Consumption should not kiss on the lips.

Rooms occupied by consumptive persons should be kept thoroughly clean, and as much fresh air and light admitted to them as possible.

Clothes soiled with expectoration should be washed and boiled.

As soon as it becomes known that a person is suffering from Consumption, the rooms occupied by the patient should be thoroughly disinfected. This will be done free of cost, or, if the householder desires to do the work himself, directions will be given. When once the rooms have been thoroughly disinfected and cleaned, it is easy to keep them so by washing the floors frequently with soap and water, and dusting them every day with a wet duster, so as to prevent infectious dust being scattered about the room.

The walls of a room occupied by a consumptive patient should be rubbed down with dough every three months.

A consumptive patient and his clothes should be kept scrupulously clean.

The commonest conditions which render persons liable to contract Consumption are overcrowding, damp rooms, want of fresh air and ventilation, and want of light, therefore all these conditions should be avoided as far as possible.

A consumptive person leaving a house should notify the fact to the Medical Officer of Health, so that it may be disinfected before being occupied by another tenant.

J. BENNETT,

Medical Officer of Health.



## ACUTE RESPIRATORY DISEASES.

Ninety-eight deaths were attributable to acute diseases of the lungs, viz. :—56 to Bronchitis, 40 to Pneumonia, and two to Pleurisy. In 1903 the deaths from these diseases numbered 93, and in 1907 there were 97. The death-rate from these causes is equal to 2·8 per 1000. Twenty-one of these deaths took place in children under one year of age, and 27 were over 65 years of age.

## CORONER'S INQUESTS.

Thirty-three deaths formed the subject of investigation by the Coroner, making 6·5 per cent. of the total deaths for the year.

The following verdicts were returned :—

Verdict.	No.
Natural Causes .....	8
Accidents .....	5
Found Drowned .....	3
Convulsions .....	3
Suicide .....	3
Heart Disease .....	2
Bronchitis .....	2
Ammonia Poisoning.....	1
Manslaughter .....	1
Apoplexy .....	1
Accidentally Overlain .....	1
Pleurisy .....	1
Epilepsy .....	1
Premature Birth .....	1

## ISOLATION HOSPITAL.

One hundred and twenty-four cases of infectious diseases belonging to the Borough have been treated in the Hyde Isolation Hospital during the year. One hundred and thirteen of these were Scarlet Fever, four Enteric Fever, and seven Diphtheria.

Table showing the number of cases of each disease belonging to the Borough which were treated in the Hospital, the number of deaths, and the percentage of mortality for each disease :—

Disease.	No. of Cases.	No. of Deaths.	Mortality	
			per cent 1909	per cent 1908
Scarlet Fever ..	113	.... 2	.... 1·77	.... 5·4
Enteric Fever ..	4	.... 1	.... 25·0	.... 16·6
Diphtheria ....	7	.... 1	.... 14·28	.... 25·0

Table showing the total number of cases of each disease treated at the Hospital, the number of deaths, and the percentage of mortality for each disease compared with the five previous years :—

Disease.	No. of Cases.	No. of Deaths.	Mortality per cent.	Mortality per cent.	Mortality per cent.	Mortality per cent.	Mortality per cent.	Mortality per cent.
			1909	1908	1907	1906	1905	1904
Scarlet Fever..	234..	10 ..	4·2 ..	5·9 ..	3·4 ..	2·5 ..	3·8 ..	0
Enteric Fever ..	23..	9 ..	39·1 ..	31·8 ..	33·3 ..	22·2 ..	45·4 ..	0
Diphtheria ..	19..	3 ..	15·7 ..	11·1 ..	0 ..	0 ..	0 ..	0
Erysipelas ....	0..	0 ..	0 ..	0 ..	0 ..	0 ..	0 ..	0
Puerperal Fever	0..	0 ..	0 ..	100 ..	0 ..	0 ..	0 ..	0
Smallpox.....	0..	0 ..	0 ..	0 ..	0 ..	0 ..	0 ..	4·3

CASES RECEIVED IN HOSPITAL FROM OUTSIDE DISTRICTS :—

District.	Scarlet Fever.	Enteric Fever.	Diphtheria.
Gorton.....	59 ....	10 ....	6
Droylsden .....	17 ....	3 ....	2
Dukinfield .....	2 ....	2 ....	0
Whaley Bridge .....	11 ....	0 ....	0
Denton .....	7 ....	3 ....	0
Komily and Bredbury .. ..	3 ....	0 ....	0
Audenshaw .....	1 ....	1 ....	0
Compstall .....	1 ....	0 ....	0
Hazel Grove .....	3 ....	0 ....	2
Marple .....	9 ....	0 ....	1
Levenshulme.....	4 ....	0 ....	1
Disley .....	4 ....	0 ....	0

Eight cases of Enteric Fever, eight of Scarlet Fever, and two of Diphtheria, from outside districts, died in the Hospital during the year.

#### OFFENSIVE TRADES.

There is only one offensive trade carried on in the Borough, viz., Tripe Boiler. Seven establishments carry on this trade. They have been regularly inspected during the year, and have been found clean and kept according to the Bye-laws. No complaints have been received during the year as to nuisances arising from any of them.

#### DAIRIES, COWSHEDS, AND MILKSHOPS.

The Dairies, Cowsheds and Milkshops Order came into force on 2nd October, 1899. There are 51 persons registered as cowkeepers and 21 registered milkshops in the Borough.

#### SLAUGHTER HOUSES.

There are 25 registered slaughter houses, all of which have been regularly visited and inspected whilst slaughtering was proceeding.

#### COMMON LODGING HOUSES.

There are three common lodging houses, which provide accommodation for 85 lodgers. The structural arrangements of these houses are imperfect, they are difficult to keep clean, and are badly ventilated.

#### WATER SUPPLY.

The water supply is obtained from the reservoirs of the Manchester Corporation, situated at Woodhead. The supply is abundant and of good quality. The supply for trade purposes is obtained from the reservoirs of the Corporation situated at Gee Cross.

### UN SOUND MEAT.

No unsound meat was discovered exposed for sale during the year. The amount of tuberculous meat voluntarily surrendered and destroyed during the year was six carcasses, weighing 30cwt. 2qrs. 3lbs. The shops and stalls on the market are visited weekly by the Inspector. There is no Inspector with a special certificate for meat inspection.

### INDUSTRIES.

The chief industries are cotton manufacturing, engineering, boiler making, calico printing, hat manufacturing, margarine making, indiarubber works, leather dressing and printing.

### ADOPTIVE ACTS.

In addition to the Infectious Diseases (Notification) Act before mentioned, the Public Health Acts Amendment Act and Private Street Works Act, 1892, are in force in the Borough.

### INSANITARY PROPERTY.

The following list of insanitary property, all of which has been mentioned in one or more previous reports, requires dealing with :—

Nos. 26 and 28, Catherine Street, and Nos. 1 and 2, Washington Court. Four back-to-back houses.

Nos. 3 and 5, Mary Street. Two single houses without through ventilation.

Two cellar dwellings in Acorn Lane, Gee Cross.

No. 6, Queen Street, and 1, Unsworth Court. Two back-to-back houses.

Nos. 151 and 153, Back Lane, and two houses behind. Four back-to-back houses.

Nos. 59 and 61, Old Road, and two houses in Firth Court. Four back-to-back houses.



Nos. 57, Commercial Brow, and house behind in Water Street. Two back-to-back houses.

No. 25 Cheapside, and house behind. Two back-to-back houses.

No. 57, Hyde Lane, and house behind. Two back-to-back houses.

Nos. 1 and 2, Dakin Court. Single houses, without through ventilation.

No. 5, Norfolk Street, and house behind in Rayner Court. Two back-to-back houses.

Nos. 1, 2, 3 and 4, Chapel Square, Muslin Street. Four single houses, without through ventilation.

Nos. 6 and 8, Walker Lane, and two houses behind. Four back-to-back houses.

No. 32, Ridling Lane, and house behind in Smith's Court. Two back-to-back houses.

Nos. 52 and 54, Grafton Street, and 1 and 2, North Court. Four back-to-back houses.

The following list shows the number of Privies converted to the Water Carriage System and the situation of the property :—

146 to 150, Muslin Street.....	}	2 Closets.
127 to 129, Muslin Street.....		
Wood Hey, Sheffield Road.....	}	1 „
Hill House, Sheffield Road .....		
Lansdowne Villas, Sheffield Road .....		2 „
Laura Bank, Sheffield Road .....	}	1 „
Belmont, Sheffield Road .....		
Mr. W. Garlick's House, Sheffield Road		
St. John's Vicarage, Sheffield Road.....		2 „
32 to 36, Lunn Street .....	}	3 „
1 to 5, Ralph Fold .....		
Total .....		19

Additional closet accommodation has been provided to the following property, where previously the closet accommodation was insufficient:—

119 to 129, Back Lane, and 1 to 5, Bailey Street .....	5 extra Closets.
10 to 20 Ridling Lane, and 2 to 4, Union Street .....	5 „
77 to 85, Lumn Street .....	3 „
81 to 83, Riding Lane.....	} 1 „
1 to 5, Ralph Fold ...	
32 to 36, Lumn Street .....	
Total.....	16

There are seven thousand one hundred and twenty-four Closets on the Water Carriage System, one hundred and ninety Privies, and ninety-six Pail Closets in the Borough. There are no Earth Closets.

#### REFUSE REMOVAL.

This work is carried out by a staff of men under the supervision of Mr. J. Shawcroft, the Chief Sanitary Inspector, with horses and carts belonging to the Corporation. The dry refuse is taken to tips ; that which is wet or offensive is taken to the destructor.

The Inspector reports that 5,938 ashpits have been emptied, also 33,503 ashbins ; 9,492 loads of refuse have been taken to the destructor and tips during the year.

In conclusion, I desire to acknowledge the support given by your Committee to all proposals for improving the health and sanitary condition of the Borough.

I have the honour to be, Gentlemen,

Your obedient servant,

J. BENNETT.

26TH FEBRUARY, 1910.



## SUMMARY OF SANITARY WORK DURING 1909.

## ADOPTIVE ACTS.

The following Adoptive Acts are in force in the Borough :  
Infectious Diseases Prevention Act. Private Street Works Act, 1892. Public Health Act Amendment Act.

THE NOTIFICATION OF BIRTHS ACT IS NOT IN FORCE.

## BYE-LAWS.

Bye-Laws are in force relating to New Streets and Buildings, Common Lodging Houses, Slaughter Houses, Cleansing of Footways and Pavements, Offensive Trades, Nuisances. No new Bye-Laws were adopted during 1909.

## WATER SUPPLY.

The water supply is derived from the Manchester Corporation Woodhead Supply. The higher parts of Gee Cross and Newton do not derive their supply from this source. Additional works are now in progress to supply these portions of the Borough with Woodhead water. There have been no complaints as to the action of lead, and no samples have been analysed during 1909.

## SEWERAGE.

New Sewers have been constructed in Joel Lane, from Slate Acre to Werneth Low Road, and in Higham Lane, from Nether Street to Church Avenue.

## SEWAGE DISPOSAL.

The sewage is treated on the bacteriological system with the Candy-Whittaker Automatic Filter.

There have been no complaints as to the outfall works, and no special action has been taken during 1909.

## SCAVENGING.

This work is carried out by the Corporation. The frequency of scavenging is as follows :—

Midden Privies. As often as necessary.

Dry Ash Pits. As often as necessary.

Pail Closets. Weekly.

Dust Bins. Weekly.

Cesspools. As frequently as required.

I consider the present system adequate.

## DAIRIES, COWSHEDS, AND MILKSHOPS.

The Dairies, Cowsheds and Milkshops Order is in force in the Borough. There are 51 cowsheds and 17 milkshops, which have been inspected 66 times during 1909. Three notices for defects have been served. No legal proceedings have been taken.

## DWELLINGS.

Seventy-four new houses have been built during 1909. No action has been taken under the Housing of the Working Classes Acts, or in respect of overcrowding.

## PREVENTION OF CONSUMPTION.

A voluntary system of notification is in force. The patients' houses are visited by the Sanitary Inspector, who leaves with the householder a printed leaflet giving instruction as to the prevention of infection, &c. No action has been taken in the Borough in regard to spitting.

# *Annual Report of the Medical Officer of Health for 1909, for the Borough of Hyde,*

on the administration of the Factory and Workshop Act, 1901, in connection with

Factories, Workshops, Laundries, Workplaces, and Homework.



## 1.—INSPECTION.

INCLUDING INSPECTION MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

PREMISES.	NUMBER OF		
	Inspections	Written Notices	Prosecutions
Factories (including Factory Laundries).....	22	3	..
Workshops (including Workshop Laundries) .....	235	14	..
Workplaces (other than Outworkers' Premises included in Part 3 of this Report) .....	..	..	..
Total.....	257	17	..

## 2.—DEFECTS FOUND.

PARTICULARS.	NUMBER OF DEFECTS			NUMBER OF PROSECUTIONS
	Found	Remedied	Referred to H.M. Inspector	
<i>Nuisances under the Public Health Acts :—</i>				
Want of Cleanliness .....	2	2	..	..
Want of Ventilation .....	..	..	..	..
Overcrowding .....	..	..	..	..
Want of Drainage of Floors .....	..	..	..	..
Other Nuisances .....	..	..	..	..
Sanitary Accommodation {	1	1	..	..
* Insufficient .....	2	2	..	..
+ Not Separate for Sexes .....	2	2	..	..
* Section 22 (Public Health Act, 1890), has been adopted.				
+ One convenience to 25 hands has been adopted as standard.				
<i>Offences under the Factory and Workshop Act :—</i>				
Illegal Occupation of Underground Bakehouse (s. 101) .....	..	..	..	..
Breach of Special Sanitary Requirements for Bakehouses (ss. 97 to 100) .....	10	10	..	..
Other Offences (excluding offences relating to outwork which are included in Part 3 of this Report) .....	..	..	..	..
Total .....	17	17	..	..

3.—HOMEWORK.

NATURE OF WORK.	OUTWORKERS' LISTS, SECTION 107.					
	Lists received from Employers.			Numbers of Addresses of Outworkers received from other Councils.	Numbers of Addresses of Outworkers forwarded to other Councils.	
	Twice in the year.		Once in the year.			
	Lists.	Outworkers.	Lists.	Outworkers.		
Wearing Apparel— (1) Making, &c. .... (2) Cleaning and Washing Furniture and Upholstery.. Umbrellas ..... Paper Bags and Boxes ..... Brushmaking .....	8 .... .... .... .... ....	149 .... .... .... .... ....	2 .... .... .... .... ....	13 .... .... .... .... ....	22 .... .... .... .... ....	
TOTAL.....	8	149	2	13	59	22

HOMEWORK Continued).

NATURE OF WORK.	OUTWORKERS' LISTS, SECTION 107.		Number of Inspections of Out-workers' premises.	OUTWORK IN UNWHOLESOME PREMISES, SECTION 108.			OUTWORK IN INFECTED PREMISES, SECTIONS 109, 110.		
	Prosecutions.			Instances	Notices served.	Prosecutions.	Instances.	Orders made (Sec. 110).	Prosecutions (Sections 109, 110).
	Failing to keep or permit inspection of lists.	Failing to send lists.							
Wearing Apparel— (1) Making, &c. .... (2) Cleaning and Washing Furniture and Upholstery.. Umbrellas ..... Paper Bags and Boxes .... Brushmaking .....	.... .... .... .... .... ....	.... .... .... .... .... ....	121 .... .... .... .... ....	6 .... .... .... .... ....	6 .... .... .... .... ....	.... .... .... .... .... ....	.... .... .... .... .... ....	.... .... .... .... .... ....	
TOTAL.....	....	....	121	6	6	....	....	....	



## 4.—REGISTERED WORKSHOPS.

WORKSHOPS ON THE REGISTER (S. 131) AT THE END OF 1909 :—	NUMBER
Baking .....	76
Boots and Clogs.....	39
Smiths .....	7
Saddling .....	4
Joiners and Wheelwrights, &c. ....	14
Tailoring .....	9
Tinsmiths.....	4
Dressmaking .....	11
Milliners .....	7
Brushmaking .....	3
Tripe Boiling .....	7
Card Cleaning.....	3
Cycles .....	3
Hat Body Making .....	15
Knitting .....	4
Other Trades .....	14
Total Number of Workshops on Register.....	220

## 5.—OTHER MATTERS.

CLASS	NUMBER
MATTERS NOTIFIED TO H.M. INSPECTOR OF FACTORIES :—	
Failure to Affix Abstract of the Factory and Workshop Act (S. 133).....	3
UNDERGROUND BAKEHOUSES (S. 101) :—	
In use at the end of 1909 .....	4

26th February, 1910.

J. BENNETT, Medical Officer of Health.

SUMMARY OF STATISTICS FROM THE ANNUAL REPORT  
FOR 1909.

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Area of the Borough in Acres.....	3,072
Population at Census of 1901 .....	32,766
Population at end of June, 1909 .....	34,669
Density of Population per Acre .....	11·2
Average Number of Persons per House at Census of 1901 .....	4·46
Registered Births in 1909 .....	721
(A decrease of 106 on 1908.)	
Registered Deaths in 1909 .....	507
(A decrease of 10 on 1908.)	
Excess of Births over Deaths .....	214
Deaths under 1 year of age.....	106
Infant Mortality per 1000 Births .....	147·02
Cases of Zymotic Disease Notified .....	207
Zymotic Deaths — Scarlet Fever.....	2
Enteric Fever.....	5
Measles .....	12
Whooping Cough .....	1
Diarrhœa.....	7
Smallpox.....	0
Diphtheria .....	2
	— 29
Zymotic Death Rate .....	·83
Cases treated in Hospital belonging to Borough .....	124
Cases treated in Hospital belonging to Outside Districts.....	152
Deaths in Hospital .....	22

TABLE I. Vital Statistics of Whole District during 1909 and previous years. Hyde District.

YEAR	Population to middle of each year	BIRTHS		TOTAL DEATHS REGISTERED IN THE DISTRICT					Total Deaths in Public Institu- tions in the District	Deaths of Non- residents registered in Public Institu- tions in the District	Deaths of Residents registered in Public Institu- tions beyond the District	NET DEATHS AT ALL AGES BELONGING TO THE DISTRICT	
		Number	Rate *	Under 1 year of age		At all ages		Number				Rate *	
				Number	Rate per 1000 Births registered	Number	Rate *						
1	2	3	4	5	6	7	8	9	10	11	12	13	
1899	32858	874	26.59	224	256.2	715	21.76	32	4	17	624	18.90	
1900	33000	931	28.21	177	190.0	611	18.51	13	4	38	600	18.27	
1901	32837	815	24.82	162	198.7	566	17.23	15	5	31	641	19.39	
1902	33048	858	25.96	160	186.4	615	18.60	7	2	12	512	15.34	
1903	33379	855	25.61	148	173.1	502	15.04	7	5	22	575	17.07	
1904	33687	812	24.10	161	198.2	558	16.56	18	6	34	604	17.83	
1905	33866	757	22.35	145	191.1	576	17.01	10	0	27	542	15.92	
1906	34033	781	22.93	120	153.6	515	15.13	14	2	24	556	16.27	
1907	34165	748	21.89	127	169.7	534	15.63	22	10	33	517	15.00	
1908	34459	827	23.99	140	169.3	494	14.33						
Averages for years 1899-1908	33533	825	24.64	156	188.6	568	16.98	15	4	26	574	17.11	
1909	34669	721	20.79	106	147.02	490	14.13	22	18	35	507	14.62	

\* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

Area of District in Acres (exclusive of area covered by water)	3,072	Total Population at all ages, 32,766	} At Census of 1901.
		Number of inhabited houses, 7,366	
		Average number of persons per house, 4.46	

Institutions within the District receiving sick and infirm persons from outside the District: Hyde Isolation Hospital and Hyde Smallpox Hospital  
Institutions outside the District receiving sick and infirm persons from the District: Royal Infirmary, Manchester; Stockport Infirmary;  
Stockport Union Hospital; and Ashton Infirmary. Other Institutions, the deaths in which have been distributed among the  
several localities in the District: Leigh Infirmary. The Union Workhouse is not within the District.

TABLE II.  
Vital Statistics of separate Localities in 1909 and previous years.  
Hyde District.

NAMES OF LOCALITIES	1. HYDE				2. NEWTON				3. GODLEY			
	Population estimated to middle of each year	Births registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each year	Births registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each year	Births registered	Deaths at all ages	Deaths under 1 year
1899.....	23539	611	414	157	7798	221	175	63	1521	42	26	4
1900.....	23624	673	450	123	7833	216	154	51	1543	42	20	3
1901.....	23751	582	468	130	7427	203	106	28	1595	30	26	4
1902.....	23832	603	448	109	7515	211	163	46	1601	44	30	5
1903.....	24069	606	373	102	7601	214	115	41	1609	35	24	5
1904.....	24207	562	424	121	7678	212	132	37	1630	38	19	3
1905.....	24306	551	452	110	7739	166	131	29	1649	40	21	6
1906.....	24563	571	414	89	7807	171	103	29	1663	39	25	2
1907.....	24653	530	404	99	7842	187	128	25	1670	31	24	3
1908.....	24851	593	381	100	7924	195	113	33	1684	39	23	7
Averages of } years 1899 to 1908 .. }	24139	588	422	114	7716	199	132	38	1616	38	23	4
1909.....	24967	490	374	79	7988	185	121	22	1718	46	12	5

TABLE III.

Cases of Infectious Disease notified during the Year 1909.

Hyde District

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.			NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.			
	At all Ages	Under 1 year	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards	1 Hyde H	2 Newton	3 Godley	1 Hyde H	2 Newton	3 Godley	Total Cases removed to Hospital
Cholera .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria (including Membranous Croup).....	12	..	6	2	1	3	..	8	4	..	3	4	..	..
Erysipelas .....	41	..	1	3	3	34	..	29	9	3	..	..	..	..
Scarlet Fever....	141	1	57	74	7	2	..	115	25	1	98	15	..	..
Enteric Fever....	11	..	..	1	4	6	..	9	2	..	4	..	..	..
Puerperal Fever..	2	..	..	..	..	2	..	1	1	..	..	..	..	..
Phthisis .....	8	..	..	..	2	6	..	8	..	..	..	..	..	..
Totals.....	215	1	64	80	17	53	..	170	41	4	105	19	..	..

Isolation Hospitals: Hyde Fever Hospital and Hyde Smallpox Hospital. Total available Beds 76.  
Number of Diseases that can be concurrently treated 4.



TABLE IV.

Causes of, and Ages at, Death during year 1909.

*Hyde District.*

Cause of Death	Deaths at the Subjoined Ages of "Residents" whether occurring in or beyond the District							Deaths in or belonging to Localities at all Ages.			Deaths in Public Institutions in District	
	All Ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Hyde	Newton	Godley		
Measles .....	12	6	6	..	..	..	..	10	2	..	..	10
Scarlet Fever.....	2	..	2	..	..	..	..	2	..	..	..	..
Whooping-cough .....	1	..	1	..	..	..	..	..	..	1	..	..
Diphtheria and Membranous Croup .....	2	..	..	2	..	..	..	2	..	..	..	3
Croup .....	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever .....	5	..	..	..	1	4	..	4	1	..	..	9
Epidemic Influenza...	2	..	..	..	..	2	..	1	1	..	..	..
Diarrhoea .....	7	4	1	1	..	..	1	7	..	..	..	..
Gastritis .....	10	5	2	..	..	..	3	10	..	..	..	..
Puerperal Fever .....	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas .....	1	..	..	..	..	..	1	..	1	..	..	..
Phthisis (Pulmonary Tuberculosis).....	41	..	..	3	8	27	3	32	8	1	..	..
Other Tuberculous Diseases .....	14	3	6	2	..	2	1	13	1	..	..	..
Cancer, Malignant Disease .....	27	..	..	..	1	17	9	16	9	2	..	..
Bronchitis .....	56	6	1	..	..	27	22	44	10	2	..	..
Pneumonia.....	40	15	5	4	..	12	4	31	8	1	..	..
Pleurisy .....	2	..	..	..	..	1	1	1	1	..	..	..
Alcoholism, Cirrhosis of Liver .....	5	..	..	..	..	5	..	3	1	1	..	..
Premature Birth .....	12	12	..	..	..	..	..	7	4	1	..	..
Diseases and Accidents of Parturition .....	..	..	..	..	..	..	..	..	..	..	..	..
Heart Diseases .....	59	..	1	3	3	34	18	37	22	..	..	..
Accidents .....	6	..	..	..	..	6	..	4	2	..	..	..
Suicides .....	3	..	..	..	..	3	..	1	2	..	..	..
Marasmus .....	44	40	4	..	..	..	..	34	9	1	..	..
Convulsions .....	12	9	2	1	..	..	..	8	2	2	..	..
All other causes .....	144	6	8	8	1	46	75	106	38	..	..	..
All causes.....	507	106	39	24	14	186	138	371	121	12	22	22



TABLE V.—Borough of Hyde.

Infantile Mortality during the Year 1909.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.	Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under One Month	1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under One Year
ALL { Certified .....	10	5	3	9	27	3	9	10	11	9	6	8	6	6	7	4	106
CAUSES { Uncertified .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
COMMON INFECTIOUS DISEASES—																	
Measles .....	..	..	..	..	..	..	..	..	..	1	..	1	1	1	1	1	6
Whooping Cough .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
DIARRHOEAL DISEASES—																	
Diarrhoea (all forms).....	..	..	..	..	..	..	3	..	..	..	..	1	..	..	..	..	4
Enteritis, Muco-enteritis, Gastro- enteritis .....	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	2
Gastritis, Gastro - intestinal Catarrh .....	..	..	..	..	..	1	1	..	..	..	..	..	..	1	..	..	3
WASTING DISEASES—																	
Premature Birth .....	5	3	1	2	11	..	1	..	..	..	..	..	..	..	..	..	12
Congenital Defects .....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
Want of Breast-milk, Starvation	..	..	..	1	1	..	..	..	..	..	3	2	1	2	1	3	1
Atrophy, Debility, Marasmus..	1	1	1	4	7	..	4	7	7	3	..	..	1	..	1	..	40
Tuberculous Meningitis .....	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1
Other Tuberculous Diseases .....	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	2
Meningitis (not Tuberculous) .....	..	..	..	..	..	..	..	..	..	..	1	1	1	1	..	..	1
Convulsions .....	2	..	..	1	3	1	..	..	..	..	..	1	1	..	1	..	8
Bronchitis .....	..	..	..	1	1	..	..	1	2	1	2	1	..	..	3	..	7
Pneumonia .....	..	1	1	..	2	..	..	2	2	2	..	2	..	..	..	..	15
Suffocation, Overlying .....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
Other Causes .....	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	2
	10	5	3	9	27	3	9	10	11	9	6	8	6	6	7	4	106

Births in the Year: Legitimate, 698; Illegitimate, 23. Deaths in the Year of Infants: 106.  
Deaths from all Causes at all Ages, 507. Population (estimated to middle of 1909), 34,669.

TABLE VI.—Hyde District.  
Infantile Mortality during the Year 1909.  
Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.	Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under One Month	1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under One Year
	6	3	1	5	15	2	9	7	9	7	4	6	6	4	6	4	79
ALL { Certified .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CAUSES { Uncertified .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
COMMON INFECTIOUS DISEASES—																	
Measles .....	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1	1	5
Whooping Cough .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
DIARRHOEAL DISEASES—																	
Diarrhoea (all forms) .....	..	..	..	..	..	..	3	..	..	..	..	1	..	..	..	..	4
Enteritis, Muco-enteritis, Gastro-	..	..	..	..	..	1	..	..	..	..	..	..	1	..	..	..	2
enteritis .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gastritis, Gastro - intestinal	..	..	..	..	..	1	1	..	..	..	..	..	..	1	..	..	3
Catarrh .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
WASTING DISEASES—																	
Premature Birth .....	2	2	..	2	6	..	1	..	..	..	..	..	..	..	..	..	7
Congenital Defects .....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
Want of Breast-milk, Starvation	..	..	..	1	1	..	..	..	..	..	2	..	..	..	..	..	1
Atrophy, Debility, Marasmus..	1	1	1	1	4	..	4	5	5	3	2	2	1	1	..	3	30
Tuberculous Meningitis .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Other Tuberculous Diseases ..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	2
Meningitis (not Tuberculous) ..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	1
Convulsions .....	1	..	..	..	1	..	..	..	..	..	..	..	1	1	..	..	4
Bronchitis .....	..	..	..	1	1	..	..	..	2	1	2	1	..	..	1	..	5
Pneumonia .....	..	..	..	..	..	..	..	2	2	..	..	1	..	..	3	..	10
Suffocation, Overlying	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
Other Causes .....	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	2
	6	3	1	5	15	2	9	7	9	7	4	6	6	4	6	4	79

Births in the Year: Legitimate, 475; Illegitimate, 15. Deaths in the Year of Infants: 79.  
Deaths from all Causes at all Ages, 507. Population (estimated to middle of 1909), 24,967.

TABLE VII.—Newton District.  
 Infantile Mortality during the Year 1909.  
 Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.	Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under One Month	1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under One Year
ALL { Certified .....	4	2	..	3	9	..	..	3	2	2	1	2	..	2	1	..	22
CAUSES { Uncertified .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
COMMON INFECTIOUS DISEASES—																	
Chicken-pox .....	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Measles .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
DIARRHOEAL DISEASES—																	
Diarrhoea (all forms) .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteritis, Muco-enteritis, Gastro- enteritis .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gastritis, Gastro - intestinal Catarrh .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
WASTING DISEASES—																	
Premature Birth .....	3	1	..	..	4	..	..	..	..	..	..	..	..	..	..	..	4
Congenital Defects .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Want of Breast-milk, Starvation	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	..	9
Atrophy, Debility, Marasmus..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..
Other Tuberculous Diseases .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis (not Tuberculous)....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Convulsions .....	1	..	..	1	2	..	..	..	..	..	..	1	..	..	..	..	2
Bronchitis .....	..	..	..	..	..	..	..	1	..	2	..	1	..	..	..	..	2
Pneumonia .....	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	4
Suffocation, Overlying .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	4	2	..	3	9	..	..	3	2	2	1	2	..	2	1	..	22

Births in the Year: Legitimate, 180; Illegitimate, 5. Deaths in the Year of Infants: 22.  
 Deaths from all Causes at all Ages, 121. Population (estimated to middle of 1909), 7,988.

TABLE VIII.—Godley District.

## Infantile Mortality during the Year 1909.

Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.	Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under One Month	1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under One Year
ALL { Certified .....	..	..	2	1	3	1	..	..	..	..	1	..	..	..	..	..	5
CAUSES { Uncertified .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
COMMON INFECTIOUS DISEASES—																	
Chicken-pox .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
DIARRHŒAL DISEASES—																	
Diarrhœa (all forms).....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteritis, Muco-enteritis, Gastro- enteritis .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gastritis, Gastro - intestinal Catarrh .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
WASTING DISEASES—																	
Premature Birth .....	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	1
Congenital Defects .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Want of Breast-milk, Starvation	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Atrophy, Debility, Marasmus..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	1
Other Tuberculous Diseases .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis (not Tuberculous)....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Convulsions .....	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	2
Bronchitis .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pneumonia .....	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	1
Suffocation, Overlying .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	..	..	2	1	3	1	..	..	..	..	1	..	..	..	..	..	5

Births in the Year: Legitimate, 43; Illegitimate, 3.  
Deaths from all Causes at all Ages, 12.

Deaths in the Year of Infants: 5.  
Population (estimated to middle of 1909), 1,718.



TABLE IX.

Showing graphically the incidence of Disease.

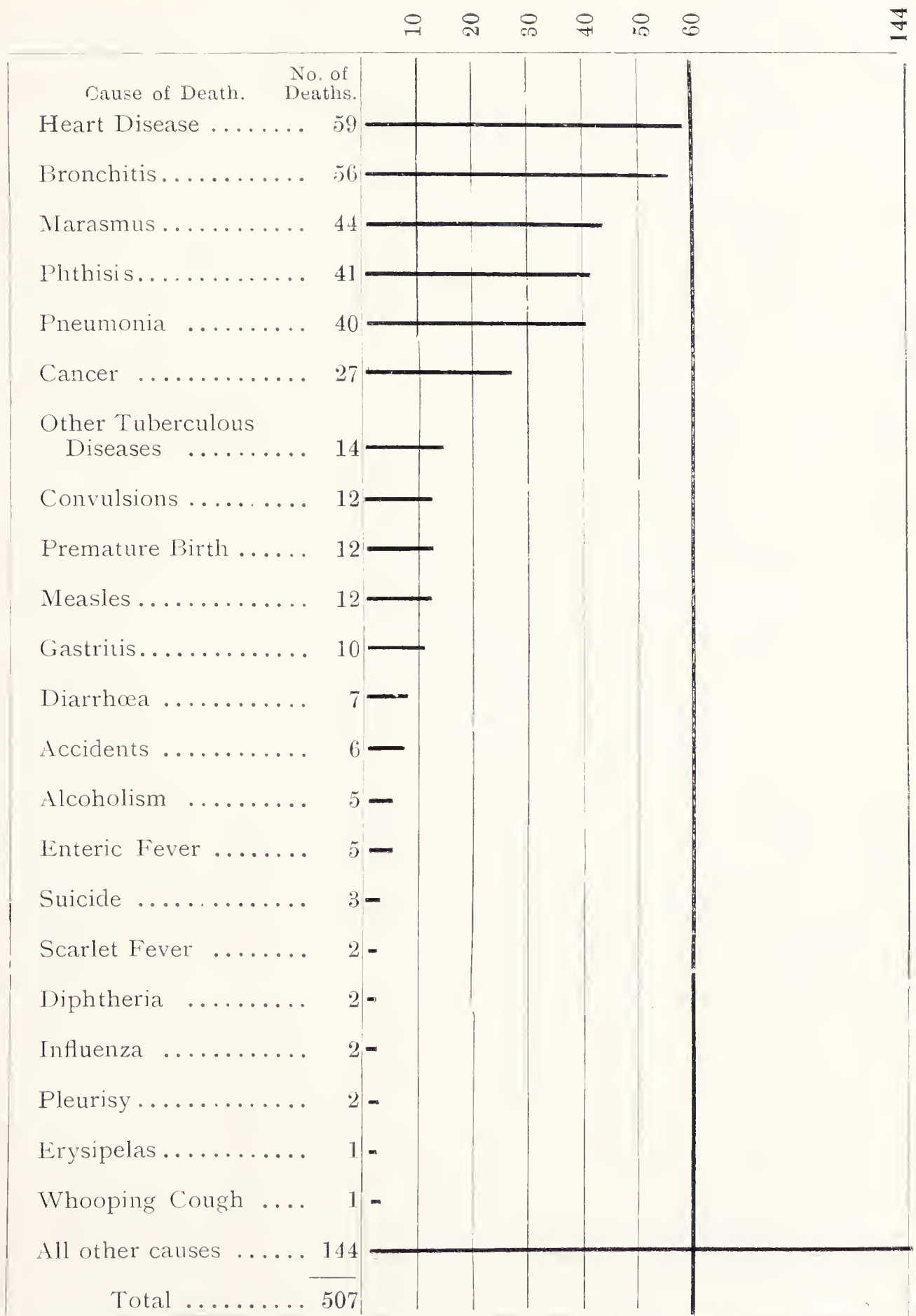




TABLE X.

Giving particulars of Hospital Cases which ended Fatally with the Time each was Under Treatment at the Institution.

Initials	Age	Sex	Disease	District	Time in Hospital Days
J. J. B.	29	F.	Enteric Fever	Gorton	7
H. H.	2	M.	Diphtheria	"	2
M. E. H.	45	F.	Enteric Fever	"	17
C. H.	24	M.	"	"	17
W. P.	63	M.	"	Droylsden	9
M. P.	7	F.	Diphtheria	Hyde	1
K. O.	2	F.	Scarlet Fever	Romiley	3
J. W.	46	M.	Enteric Fever	Audenshaw	13
A. B.	3	F.	Scarlet Fever	Gorton	3
C. M.	2	M.	"	Whaley Bridge	35
E. C.	2	M.	"	Gorton	2
R. F.	2	F.	"	Hyde	23
H. L.	7	M.	"	Gorton	30
H. D.	31	M.	Enteric Fever	Audenshaw	18
G. D.	30	M.	"	Droylsden	6
C. I.	24	M.	"	Denton	63
A. G.	2	F.	Scarlet Fever	Gorton	3
V. E.	2	F.	"	"	6
J. B.	29	M.	Enteric Fever	Hyde	15
F. W.	2	M.	Scarlet Fever	Droylsden	27
L. F.	6	F.	"	Hyde	14
A. C.	5	M.	Diphtheria	Droylsden	1